

data comprises an image, and comprising the further step of performing a qualitative or quantitative image evaluation on the recorded image.

35. (New) The method of Claim 30, wherein the processing step includes processing the recorded image by comparing the recorded image with a record of reference data.

36. (New) The method of Claim 35, wherein the comparing step includes a coarse correlation with the recorded data.

37. (New) The method of Claim 35, wherein the recording step includes recording at least two images which are processed in the processing step.

38. (New) The method of Claim 37, wherein the image processing step includes a position correction.

39. (New) The method of Claim 38, wherein the position correction includes recording reference marks.

40. (New) The method of Claim 39, wherein the reference marks are lines and/or dots on a base.

41. (New) The method of Claim 35 wherein the processing step comprises a brightness adjustment for adapting the gray-scale values of the image.

42. (New) The method of Claim 35, wherein the image processing step comprises a defect detection.

43. (New) An apparatus for detecting defects on workpieces comprising
at least two light sources for illuminating the workpiece from different directions,
a camera for recording the illuminated workpiece and the shadows resulting from the illumination, and

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a computer for processing the data received from the camera.

44. (New) The apparatus of Claim 43 further comprising a stored program control which is connected to the computer.

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